PATENTS 112025-0068C1

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In Re The Application of:	)	•
Yakov Rekhter et al.	)	•
	)	Examiner: Not Yet Assigned
Serial No.: Not Yet Assigned	)	,
	)	
Filed: October 23, 2001	)	Art Unit: Not Yet Assigned
	· )	•
For: Peer-Model Support for Virtual Pri-	)	
vate Networks Having Potentially	) ·	
Overlapping Addresses	· )	
	•	Cesari and McKenna, LLP
		88 Black Falcon Avenue
		Boston, MA 02210
		October 23, 2001

"Express Mail" Mailing-Label Number: EL736360132US

Honorable Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

## INFORMATION-DISCLOSURE STATEMENT

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicants wish to bring to the Examiner's attention the references listed on the accompanying form PTO-1449.

Pursuant to 37 C.F.R. § 1.98(d), Applicants are not including copies of U.S. patent documents and other publications listed on Form PTO-1449 that were previously submitted or cited in the parent application, U.S. Patent Application Serial No. 08/997,343 which was filed on December 23, 1997, by Yakov Rekhter et al. for Peer-Model Support for Virtual Private Networks Having Potentially Overlapping Addresses.

## PATENTS 112025-0068C1

To the extent required by 37 C.F.R. §1.98(a)(3), Applicants have described what they consider to be the relevance of any foreign-language reference. It is understood that the Office may find additionally relevant material in these or other references.

Please charge any additional fee occasioned by this paper to our Deposit Account No. 03-1237.

Respectfully submitted,

Joseph H. Born Reg. No. 28,283

CESARI AND MCKENNA, LLP

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INFORMATION DISCLOSURE				Application Number	Not Yet Assigned	2
			CLOSURE	Filing Date	October 23, 2001	مه
STA	STATEMENT BY APPLICANT		First Named Inventor	Yakov Rekhter et al.		
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				U.S. PATENT DOCUMEN	TS	
Examiner Initials •	Cite No. <sup>1</sup>	l Number	ocument d Code <sup>2</sup> (nown)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,651,002	B1	Van Seters et al.	07/1997	
		5,243,342	B1	Kattemalalavadi et	09/1993	
		5,353,283	B1	Tsuchiya	10/94	<del>,</del>
		5,394,402	В1	Ross	02/1995	
		5,426,637	B1	Derby et al.	06/1995	
		5,452,294	B1	Natarajan	09/95	
		5,491,692	B1	Gunner et al.	02/96	
		5,500,860	B1	Perlman et al.	03/1996	
		5,519,704	B1	Farinacci et al.	05/21/96	
		5,555,256	B1	Calamvokis	09/96	
		5,561,669	B1	Lenney et al.	10/1996	
		5,623,492	B1	Teraslinna	04/97	
		5,650,993	B1	Lakshman et al.	07/97	
		5,309,430	B1	Verhille et al.	05/1994	
		5,917,820	B1	Rekhter	06/1999	
		5,949,786	B1	Bellenger	09/1999	
		5,996,021	B1	Civanlar et al.	11/1999	
		6,081,524	B1	Chase et al.	06/2000	-
		6,055,575	B1	Paulsen et al.	04/2000	

	FOREIGN PATENT DOCUMENTS							
Examine		Fo	reign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	
r Initials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM- DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Т <sub>6</sub>
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<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark hee if English language Translation is attached.

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				Filing Date	October 23, 2001	
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Sheet	2	of	4	Attorney Docket Number	112025-0068C1	N. P.

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials * Cite		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
		Heinanen, J., "VPN Suppoer for MPLS," draft-heinanen-mpls-vpn-00.txt, December 1997	
		"Digital Subscriber Signalling System No. 1 (DSS 1) - Signalling Specification for Frame Mode Basic Call Control," ITU-T Recommendation Q.933, International Telecommunication Union, Geneva, 1994	
		G. P. Chandranmenon and G. Varghese, "Trading Packet Headers for Packet Processing," Proc. ACM SIGCOMM '95, Boston, MA, Sept. 1995, pp. 162-173	
		P. Newman et al., "Ipsilon's General Switch Management Protocol Specification Version 1.1," Internet Community's Request for Comments No. 1987, (August 1996)	
		N. Feldman, "ARIS Specification," Internet Draft, (March 1997)	
		"ISDN Data Link Layer Specification for Frame Mode Bearer Services," CCITT Recommendation Q.922, International Telecommunication Union, Geneva, 1992	
		K. Nagami et al., "Toshiba's Flow Attribute Notification Protocol (FANP) Specification," Internet Community's Request for Comments No. 2129, (April 1997)	
		Y. Katsube et al., "Toshiba's Router Architecture Extensions for ATM: Overview," Internet Community's Request for Comments No. 2098, (February 1997)	
		A. Viswanathan et al., "ARIS: Aggregate Route-Based IP Switching," Internet Draft, (March 1997)	
		S. Deering, et al., "Internet Protocol, Version 6," Internet Community's Request for Comments No. 1883, (December 1995)	
		Information Technology-Telecommunications And Information Exchange Between Systems - Protocol For Exchange Of Inter-Domain Routeing Information Among Intermediate Systems To Support Forwarding Of ISO 8473 PDU's, International Standard ISO/IEC, October 1, 1994	

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INFORMATION DISCLOSURE	Application Number
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STATEMENT BY APPLICANT	First Named Inventor
	Group Art Unit

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Sheet 3

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Application Number	Not Yet Assigned	
Filing Date	October 23, 2001	
First Named Inventor	Yakov Rekhter et al.	
Group Art Unit	Not Yet Assigned	:
Examiner Name	Not Yet Assigned	
Attorney Docket Number	112025-0068C1	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Amendment 1, International Standard ISO/IEC, (October 1, 1995)	
		D. Ginsburg, ATM Solutions for Enterprise Internetworking, Addison-Wesley Longman 1996, pp. xv-xiv, 36-41, 72-76	
		R. Ullmann, "Rap: Internet Route Access Protocol," Internet Community's Request for Comments No. 1476, (June 1993)	7
		M. McGovern, et al., "CATNIP: Common Architecture For The Internet," Internet Community's Request for Comments No. 1707, (October 1994)	*
		M. Laubach, "IP over ATM Working Group's Recommendations for the ATM Forum's Multiprotocol BOF Version 1," Internet Community's Request for Comments No. 1754, (January 1995)	
٠		M. Laubach, "Classical IP and ARP over ATM," Internet Community's Request for Comments No. 1577, (January 1994)	
		Martin de Prycker, Asynchronous Transfer Mode Solution for Broadband ISDN, Prentice Hall, 1995, pp. 5-11, 87-90	
		P. Newman et al., "Ipsilon Flow Management Protocol Specification for Ipv4 Version 1.0," Internet Community's Request for Comments No. 1953, (May 1996)	
		M. Perez et al., "ATM Signaling Support for IP over ATM," Internet Community's Request for Comments No. 1755, (February 1995)	
		J. Heinanen, "Multiprotocol Encapsulation over ATM Adaptation Layer 5," Internet Community's Request for Comments No. 1483, (July 1993)	
		Callon et al., "A Framework for Multiprotocol Label Switching," IETF Network Working Group Internet Draft draft-ietf-mpls-framework-02.txt, November 21, 1997	

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NEODMATION DISCLOSURE	Application Number	Not Yet Assigned	
NFORMATION DISCLOSURE	Filing Date	October 23, 2001	
STATEMENT BY APPLICANT	First Named Inventor	Yakov Rekhter et al.	
	Group Art Unit	Not Yet Assigned	
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112025-0068C1 **Attorney Docket Number** 

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		Rosen et al, "A proposed Architecture for MPLS," IETF Network Working Group Internet Draft draft-ietf-mpls-arch-00.txt, August 1997		
		Woundy et al., "ARIS: Aggregate Route-Based IP Switching," Internet Draft draft- woundy-aris-ipswitching-00.txt, November 1996		
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